



ENVIRONMENTAL CHECKLIST

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Geology and Earth

Purpose of Checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for Applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply". Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:

SMITH QUARRY

2. Name of applicant: NEWPORT EQUIPMENT ENTERPRISES INC.

3. Address and phone number of applicant and contact person:

P.O. BOX 2553
PINE RIVER RD. 83856
509-447-4688
STEVEN P. SMITH

4. Date checklist prepared: 7/26/04

5. Agency requesting checklist: PEND OREILLE COUNTY PUBLIC WORKS DEPT.

6. Proposed timing or schedule (including phasing, if applicable):

7/26/04 THROUGH INDEFINITE

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal?

If yes, explain. POSSIBLE EXPANSION OR REVISION OF D.N.R. PERMIT IF REQUIRED TO CONTINUE LONG TERM AGGREGATE PRODUCTION.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. A DNR SURFACE MINING PERMIT HAS BEEN ISSUED UNDER RECLAMATION PERMIT NO 13016. THIS IS A REQUEST FOR A BOUNDARY AND AN ACREAGE REVISION AND ADJUSTMENT.
9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. YES, APPLICATION FOR A DNR ADJUSTMENT TO SURFACE MINING PERMIT NO 13016
10. List any government approvals or permits that will be needed for your proposal, if known.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.) PROJECT ALLOWS FOR PRODUCTION AND STOCK PILING OF CRUSHED AGGREGATES FOR USE IN PUBLIC WORKS PROJECTS AS WELL AS PRIVATE AND MUNICIPAL SITES. THE PROPOSED SITE WOULD BE APPROXIMATELY 76.6 ACRES IN SIZE STAGED OVER AN INDEFINITE PERIOD (AT LEAST 25 YEARS) OF TIME. THE PROPERTY MAY ALSO BE USED FOR AN ASPHALT BATCH PLANT ON A SHORT TERM BASIS SHOULD THE NEED ARISE IN THE FUTURE.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

THE PROJECT IS LOCATED NEAR THE RT. SIDE OF US HWY 2 AT APPROXIMATE MP 326 APPROXIMATELY 6 MILES SOUTH OF NEWPORT, WA. AT ST. ADDRESS 28712 HWY 2 IN THE N 1/2 SE 1/4 OF SECTION 32, T31N, R. 45E

TO BE COMPLETED BY APPLICANT

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other _____.

b. What is the steepest slope on the site (approximate percent slope)?

THE SITE HAS ABOUT 45 ACRES OF FLAT SURFACE WITH TWO THICK OUTCROPPINGS OF ABOUT 20 ACRES IN SIZE THAT ARE ABOUT 110 FT. HIGH

EVALUATION FOR
AGENCY USE ONLY

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland. THE FLAT AREA HAS SAND & GRAVEL UNDERLYING SUBSOIL & TOPSOIL THAT VARIES FROM 2 FT TO 10 FEET. THE GRANITE OUTCROPPINGS ARE UNDER SUBSOIL & TOPSOIL THAT VARIES FROM 0 TO 10 FT.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. THERE IS NO INDICATION OF UNSTABLE SOILS IN THE AREA

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill. MINOR GRADING IS NECESSARY TO STRIP & SAVE THE SUBSOIL AND TOPSOIL, CONSTRUCT STOCKPILE AREAS AND A PAD TO SET THE CRUSHER,

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. EROSION IS UNLIKELY BECAUSE THE BULK OF THE AREA IS RELATIVELY FLAT. THE ROCK OUTCROPPINGS WILL BE DRILLED, SHOT AND CRUSHED AND WILL NOT BE SUBJECT TO EROSION

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? THERE WILL BE NO IMPERVIOUS SURFACES OR PERMANENT BUILDINGS ON THE SITE. ROADS & CRUSHER PADS WILL BE SURFACED WITH CRUSHED ROCK

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: ALL WORKING AREAS WILL BE SLOPED TO THE HIGH WALLS WHILE THEY ARE BEING WORKED. FINAL SLOPES WILL BE CONSTRUCTED TO TAKE CARE OF ANY RUNOFF

2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known. DUST GENERATED FROM THE CRUSHING OPERATIONS WOULD BE CONTROLLED BY A WATER MIST SYSTEM. HAUL ROADS WOULD BE WATERED TO CONTROL DUST. ANY EMISSIONS FROM A ASPHALT BATCH PLANT WOULD BE CONTROLLED.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. NONE KNOWN

c. Proposed measures to reduce or control emissions or other impacts to air, if any: A WATER MIST SYSTEM USED WHILE CRUSHING OPERATIONS WOULD KEEP EMISSIONS BELOW DOE AND COUNTY ACCEPTABLE LIMITS. IF A ASPHALT BATCH PLANT IS USED ON SITE EMISSIONS WOULD BE CONTROLLED TO FALL UNDER ACCEPTABLE STANDARDS.

TO BE COMPLETED BY APPLICANT

3. Water

a. Surface:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. **NE**

SURFACE WATER ON THIS SITE. DURING SPRINGTIME THERE MAY BE DAMP AREAS ON SITE - NO RUNOFF FROM THIS SITE

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. **NIA.**

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. **NO FILLING OR DREDGING AS THERE ARE NO WETLANDS OR SURFACE WATER ON SITE.**

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. **NO SURFACE WATERS EXIST ON SITE**

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. **THE PROPOSAL DOES NOT LIE WITHIN A 100 YEAR FLOOD PLAIN.**

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. **THERE WILL BE NO WASTE MATERIALS DISCHARGED ON SITE**

b. Ground:

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known. **THERE IS NO WELL WATER ON SITE.**

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals . . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. **THERE WILL BE NO WASTE MATERIALS DISCHARGED ON SITE. WHEN WORK SUCH AS CRUSHING IS IN PROGRESS THERE WILL BE PORTABLE TOILETS USED ON SITE**

c. Water Runoff (including storm water):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. STORM WATERS WILL COLLECT IN LOW AREAS & EVENTUALLY EVAPORATE, THE WATER WILL NOT FLOW OFF OF PROJECT

2) Could waste materials enter ground or surface waters? If so, generally describe.

THERE WILL BE NO WASTE MATERIALS ON SITE.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any: SURFACE, GROUND AND RUNOFF WATER WILL NOT BE AN ISSUE DUE TO THE SANDY GRAVEL SOILS.

4. Plants

a. Check or circle types of vegetation found on the site:

- ☐ deciduous tree: alder, maple, aspen, other
- ☒ evergreen tree: fir, cedar, pine, other
- ☒ shrubs
- ☒ grass
- ☐ pasture
- ☐ crop or grain
- ☐ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- ☐ water plants: water lily, eelgrass, milfoil, other
- ☐ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

SHALL TREES, WILD SHRUBS & GRASS WILL BE REMOVED FROM AREA PRIOR TO CRUSHING OR SAND/GRAVEL REMOVAL IN THE PRODUCTION AREAS.

c. List threatened or endangered species known to be on or near the site.

NONE KNOWN

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: NATIVE TREES WILL REGENERATE IN THE AREAS THAT HAVE BEEN WORKED - GRASSES WILL BE SEEDED IN DISTURBED AREAS

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other:

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other:

b. List any threatened or endangered species known to be on or near the site.

NONE KNOWN

c. Is the site part of a migration route? If so, explain.

NOT KNOWN - PROBABLY NOT

d. Proposed measures to preserve or enhance wildlife, if any:

NONE PROPOSED OTHER THAN REGENERATION
OF SHAW NATIVE TREES.

6. Energy and Natural Resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. DIESEL / ELECTRIC POWER WILL BE USED
TO OPERATE THE PROCESSING EQUIPMENT

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. NO - THERE WOULD BE NO EFFECT ON
THE USE OF SOLAR ENERGY ADJACENT TO THE
PROPOSED SITE

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: NONE
THIS PROJECT IS A MANUFACTURING PROJECT
TO MAKE CRUSHED AGGREGATE FOR CONSTRUCTION
PROJECTS

7. Environmental Health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. FUEL SPILLS ARE ALWAYS A RISK - CARE IN
PARKING EQUIPT., PROTECTING AGAINST OIL OR FUEL
LEAKS ARE FIRST LINE SAFETY PRECAUTIONS
PRACTICED BY ALL EMPLOYEES CONTINUOUSLY

1) Describe special emergency services that might be required.

NO SPECIAL EMERGENCIES SHOULD BE REQUIRED
FOR THIS PROJECT

2) Proposed measures to reduce or control environmental health hazards, if any:

WEEKLY SAFETY MEETINGS STRESS GOOD
WORKING HABITS TO REDUCE OR CONTROL
RISKS TO HEALTH HAZARDS

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? NONE THAT WOULD AFFECT
THIS PROJECT

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. CRUSHING OPERATIONS
WOULD CREATE SOME CONSTRUCTION NOISE DURING THE
CRUSHING PHASE. LOADERS & TRUCKS WOULD CREATE,
ASHLEY PLANTS WOULD CREATE SOME DUST & NOISE ON A
SHORT TERM TEMPORARY BASIS. TRUCK TRAFFIC WOULD BE
ASSOCIATED WITH BOTH CRUSHING & ASHLEY OPERATIONS.
NOISE LEVELS WOULD CORRESPOND TO COUNTY STANDARDS

3) Proposed measures to reduce or control noise impacts, if any:

DURING THE CRUSHING OPERATIONS THERE WOULD BE NOISE IN THE QUARRY AREA. HRS OF OPERATION WOULD BE IN EFFECT DURING DAYTIME IF NOISE WOULD BECOME A PROBLEM TO THE LOCAL CITIZENS, DURING HAULING OPERATIONS HRS COULD ALSO BE ADJUSTED.

8. Land and Shoreline Use

a. What is the current use of the site and adjacent properties?

MOSTLY GRAZING - SOME AGRICULTURAL

b. Has the site been used for agriculture? If so, describe.

THIS SITE HAS ONLY BEEN USED FOR GRAZING.

c. Describe any structures on the site.

NONE PRESENT

d. Will any structures be demolished? If so, what?

NA

e. What is the current zoning classification of the site?

AGRICULTURE / OPEN SPACE

f. What is the current comprehensive plan designation of the site?

AGRICULTURE / OPEN SPACE

g. If applicable, what is the current shoreline master program designation of the site?

NA

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

NO

i. Approximately how many people would reside or work in the completed project?

THERE WOULD BE 6-10 PEOPLE ON SITE DURING CRUSHING OPERATIONS AND 1-6 PEOPLE DURING HAULING OPERATIONS

j. Approximately how many people would the completed project displace?

NONE

k. Proposed measures to avoid or reduce displacement impacts, if any:

NA

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: DISCUSSION WITH P.O. COUNTY PLANNER AND REVIEW FOR APPROVAL WILL TAKE PLACE IN CONJUNCTION WITH THIS CHECK LIST.

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. *NO HOUSING WILL BE PROVIDED*
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
NA
- c. Proposed measures to reduce or control housing impacts, if any:
NONE PROPOSED

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? *TEMPORARY CONCRETE EQUIPMENT WOULD NOT EXCEED 20 FEET, BUT WOULD BE REMOVED WHEN STOCK PILING IS COMPLETE. STOCK PILES WOULD BE LOWER IN HEIGHT THAN ADJACENT TREES*
- b. What views in the immediate vicinity would be altered or obstructed?
NO VIEWS IN THE IMMEDIATE VICINITY WOULD BE AFFECTED.
- c. Proposed measures to reduce or control aesthetic impacts, if any:
NONE PROPOSED

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? *NIGHT TIME PRODUCTION WOULD UTILIZE AREA LIGHTING.*
- b. Could light or glare from the finished project be a safety hazard or interfere with views?
NO
- c. What existing off-site sources of light or glare may affect your proposal?
NONE
- d. Proposed measures to reduce or control light and glare impacts, if any:
NONE PROPOSED

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?
RECREATIONAL OPPORTUNITIES IN THE IMMEDIATE VICINITY ARE HIKING, BIKING, HORSE BACK RIDING, SNOWMOBILING DURING THE WINTER ETC
- b. Would the proposed project displace any existing recreational uses? If so, describe.
NO EXISTING RECREATIONAL USES WOULD BE DISPLACED BY THIS PROJECT

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

NONE PROPOSED

13. Historic and Cultural Preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

NONE ON OR NEAR THE SITE

- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

NONE KNOWN

- c. Proposed measures to reduce or control impacts, if any:

NONE PROPOSED

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

THE SITE IS ADJACENT TO AND IS SERVED BY
STATE HIGHWAY # 2.

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? THE SITE IS NOT SERVED BY TRANSIT

- c. How many parking spaces would the completed project have? How many would the project eliminate? THE PROJECT WILL NOT DISPLACE OR
CREATE PARKING SPOTS

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private). NO NEW ROADS, STREETS OR IMPROVEMENTS
TO ROADS OR STREETS ARE PROPOSED.

- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

THERE IS NO WATER, RAIL OR AIR TRANSPORTATION
IN THE IMMEDIATE AREA.

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur. THERE WOULD BE
INTERMITTENT VEHICLE TRIPS GENERATED BY HAULING
OUT OF THE QUARRY / STOCKPILE AREA

- g. Proposed measures to reduce or control transportation impacts, if any:

TRUCK CROSSING SIGNS MAY BE NEEDED
ON ENTERING OR LEAVING SR2 DURING HEAVY
HAULING PERIODS.

15. Public Services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

THE PROJECT WOULD NOT RESULT IN AN
INCREASED NEED FOR PUBLIC SERVICES.

- b. Proposed measures to reduce or control direct impacts on public services, if any.

NONE PROPOSED

16. Utilities

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

NONE AVAILABLE

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. NO UTILITIES ARE PROPOSED

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature:

Date Submitted:

Steven P. Smith
08/05/04

Smith Quarry Extension
Newport Equipment Ent, Inc.
P.O. Box 2553
Priest River ID 83856
Permit # 70-013016

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PROJECT DESCRIPTION

This extension to the Smith Quarry Permit # 70-013016 is twofold in nature. #1 is because the original south boundary of the Quarry was shown on the map beyond the limits of Newport Equipment's property line. This extension shows the corrected location of the south property line. #2 is because we are requesting an additional 60 acres to be added to the original area of the Quarry. This additional 60 acres added to the original 16.6 acres makes the total acreage 76.6 acres. The project is located in the north half of the southeast quarter of Section Thirty-Two, Township Thirty-One North Range Forty-Five East. The site is approximately six miles southwest of Newport Washington in Pend Oreille County. The site falls within an unzoned portion of Pend Oreille County. The purpose of this site is to quarry rock from the site in two areas of this property. One rock outcropping exists in the southern portion of the property and the other outcropping is along the southeastern property line. The rock quarried from these two outcroppings will be used off-site on road and other construction projects. This purpose is consistent with land use planning for Pend Oreille County. The topography of this portion (the two outcroppings) is hilltops with moderate slopes. The plan is to cut down the hilltops and grade the area to a gentle slope, which will meet the elevation of the surrounding flatter land. The vegetation will be removed in stages as the site is worked. The overburden will be stockpiled to reclaim the mined areas. The rock will be drilled and blasted, then removed and crushed on site. The crushed rock will be delivered to construction projects in the area or stockpiled on site and delivered off site as needed. The crusher will be mobile and remain on site only as long as needed to do the crushing operation. There are

no permanent buildings planned for the site. The resulting slopes at final reclamation will be at two feet horizontal to one-foot vertical directly from the thirty-foot buffer to twenty three hundred and ten feet elevation then flat. The site is vegetated with young pine and underbrush. There are no existing waterways of any classification. A minimum thirty foot buffer will be retained along all property lines of the permitted area.

Vegetation adjacent to the permit area within the property owned by the proponent will be retained to provide visual and noise buffers. The outcropping at the southwest portion of the permitted area will be utilized before the outcropping on the southeast will be disturbed. The balance of the area consists of a deposit of sand and gravel. The sand in some areas is fairly well separated from the courser gravel material; but, some areas have the sand and gravel interspersed. These areas will be worked to best utilize the deposits as they exist. The finer sands will be used for building materials and as drain requirements. The coarser mixed deposits will be utilized as fill material and drainage material for road and building usage. The area will be worked by removing the vegetation in stages as needed. The overburden will be removed and stockpiled to be used later in the reclaimed sections as needed. The resulting slope at final reclamation will be at two feet horizontal to one-foot vertical directly from the thirty-foot buffer to twenty three hundred and ten feet elevation then flat. The total area will be constructed to fit in with the areas worked as a quarry. The method of operation will consist of using front end loaders to load trucks as the material is dug from its original position, loaded on trucks and hauled from the site to be utilized as fill material on construction projects.

The site is vegetated with young pine and underbrush. There are no existing waterways of any classification. A minimum thirty-foot buffer will be let along the property lines tying into the buffer zones from the quarry operation. Vegetation adjacent to the permit area within the property owned by the proponent will be retained to provide visual and noise buffers. Upon the realization of the proposed final site grade, the site is planned to become a residential area. The period of use of this quarry is estimated at twenty-five years.

TOPSOIL BUDGET PLAN

The existing topography and the post-mining topography will result in adequate subsoil and topsoil retention to meet or exceed existing soil conditions on the site. In the unlikely event that there is a deficit in required soil to reclaim the site upon completion of the project, soil will be available to import from adjacent land owned by Newport Equipment Ent, Inc.

TOPSOIL AND REPLACEMENT PLAN

During the initial phases of the quarrying and sand and gravel mining project, topsoil will be stockpiled adjacent to the mining operations as shown. During subsequent operations, the topsoil and overburden will be placed upon the area, which has been mined to the final slope grade in the excavation phase previous to the one from which the overburden is being removed.

REVEGATION PLAN

After placement of the topsoil, it will be revegetated by seeding with a mix of grass and Forbes, recommended by the State Highway Department and the County Road Department, which are suited to the dry Eastern Washington climate. Seed will be applied at the recommended rate of at least fifteen pounds per acre. To improve the growth of grass fertilizer will be applied at the rate of one hundred pounds per acre. The fertilizer used will be a 16/20/40 mix. Although trees will not be planted on-site because the end use of the site will be residential, we expect to have natural regrowth of the existing tree species on the reclaimed areas because of the long-term project life. Noxious weeds will be controlled in accordance with state laws and requirements of Pend Oreille County.

ROCK QUARRY WESTERLY

SEGMENTAL RECLAMATION

SEGMENT # 1

Segment #1 involves the first operation of the westerly outcropping of rock as shown on Map #1, # 3, and #5. The quarry will be stripped from the northerly and easterly portion of the outcroppings. This segment will be drilled, shot, and crushed; and, the crushed aggregate will be stockpiled to the north adjacent to the quarry. The topsoil removed from the area to be crushed will be stored in the northwest corner of this area as shown on Map # 5. Each time the quarry is worked, the face of the quarry will be cleaned and left in a 2 to 1 slope until the operation has removed this rock to the south and western setback line and the floor elevation reaches approximately 2310 foot elevation. Then the faces of the quarry will be cleaned and final reclamation will take place.

SEGMENTAL RECLAMATION

SEGMENT # 2

Segment # 2 involves continuing operation to the west of segment # 1 as shown on Map # 1, # 3, and # 5. Again, stripping will take place from the north side of the quarry with the strippings stockpiled on the northwest corner of this area as shown on Map #5. The quarry will be drilled and shot, with the crushed material stockpiled as shown on Map # 5. This upper portion will be removed and the finished slopes blended with segment # 1. After the upper portion has been taken out, the quarry will be worked to the 2310 foot elevation. As this material is removed it may become necessary to stockpile further northeasterly of the stockpile area shown on Map # 5. This operation will be staged with the removal of sand and gravel immediately east of the rock outcroppings shown on Segment # 1 on Map # 1, # 3, and # 5.

ROCK QUARRY EASTERLY

SEGMENTAL RECLAMATION

SEGMENT #1 AND SEGMENT # 2

The quarry operation regarding the rock quarry in the easterly portion of the proposed permitted area would begin with Segment # 1 as shown on Map # 1, # 3, and # 6, beginning along the northeasterly property corner working in a southerly direction. The area shown as Segment # 1 on Map # 6. The area would be cleared and grubbed, then the topsoil would be removed and stockpiled along the east and southern Segment # 1 line to be used to reclaim this segment when the mining has been completed. The rock outcropping would be drilled, shot, and crushed with the crushed material hauled from the site or placed in stockpile. The sand and gravel would be removed and hauled to a construction project. The Segmental Plan would be worked southerly until all the rock, sand, and gravel is removed from the easterly portion of the applicant's proposal and the entire area has been reclaimed.

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SAND AND GRAVEL SEGMENTAL RECLAMATION

The sand and gravel operation will begin in Segment # 1 as shown on Map # 4 and the accompanying cross sections. This segment will begin at the south property line adjacent to the rock outcropping along its eastern border. This area will be cleared and grubbed to native earth. The topsoil will be stripped and stockpiled with the other stockpiled topsoil and along the eastern portion of this area worked. The south face will be sloped northerly on a 2 to 1 slope. The sand and gravel will be removed to the approximate 2310-foot level. As the level 2310 are reached, the 2 to 1 slopes and the bottom of the area will be covered with topsoil and seeded with a grass mix. The area will be extended northerly to the north property line and easterly through Segment # 2 and # 3 until the entire area is removed. This sand and gravel when removed will be hauled off site and used on construction projects as needed.

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